

State Plan of Flood Control Descriptive Document Update: An Overview

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Presented by:

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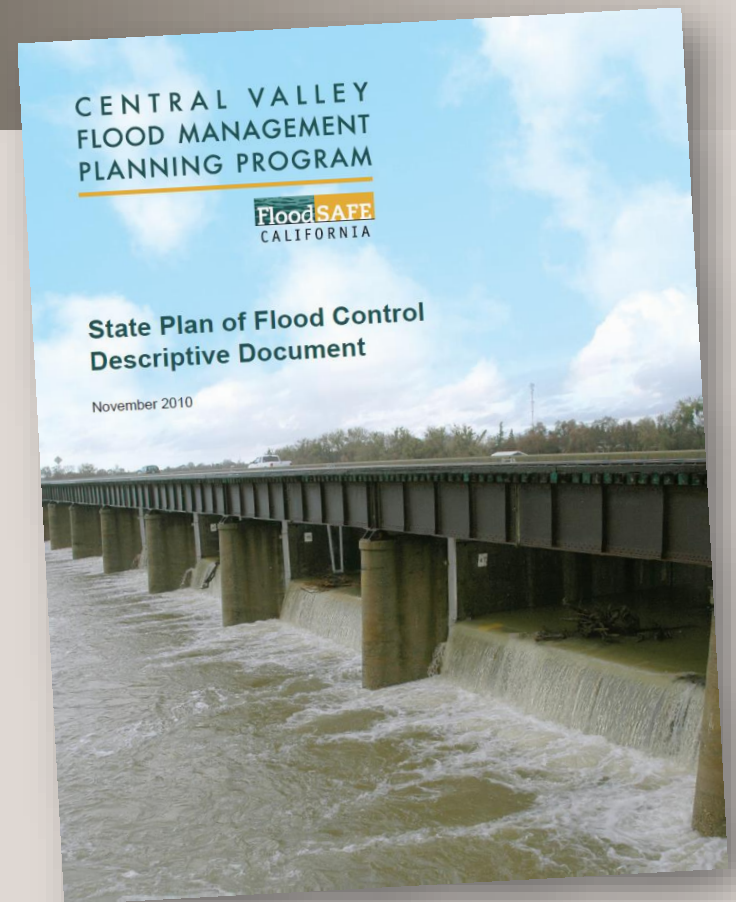
Today's Discussion

- **State Plan of Flood Control (SPFC)
Descriptive Document Purpose and History**
- **SPFC Descriptive Document Update**
 - 2.0 Existing Projects Update
 - 3.0 Facilities Update
 - 4.0 Lands Update
 - 5.0 O&M Update
 - 7.0 Programs & Plans Update
 - 8.0 SPFC Future Updates
 - 9.0 Observations
- **The Path Forward**

SPFC Descriptive Document Purpose and History

Purpose and History

- Completed in 2010 to inform 2012 Central Valley Flood Protection Plan (CVFPP)
- Inventory and description of:
 - Facilities
 - Lands
 - Programs
 - Plans
 - Conditions
 - Mode of O&M
- To be updated as changes are made to the SPFC



SPFC Descriptive Document Update



2016 SPFC Descriptive Document Update

Summary of SPFC updates since the 2010 Descriptive Document by section (reflects project status as of June 2016):

- 2.0 Existing Projects Update
- 3.0 Facilities Update
- 4.0 Lands Update
- 5.0 O&M Update
- 7.0 Programs & Plans Update
- 8.0 SPFC Future Updates
- 9.0 Observations

2.0 Existing Projects Update

American River Watershed, Joint Federal Project at Folsom Dam	This ongoing State-federal project was not listed in the 2010 Descriptive Document.
American River Watershed, Common Features Project, Natomas Basin	This ongoing State-federal project received authorization after the 2010 Descriptive Document.
American River Watershed, Folsom Dam Raise Project, Bridge Element	This project was completed after the 2010 Descriptive Document and has been removed from the list of ongoing State-federal projects provided in Table 2-2. This project is not part of the SPFC.

3.0 Facilities Update

SRFCP Unit 106 Mellin Levee	Additional documentation for this facility has been found.
Lower Feather River Setback Levee at Star Bend Project	This project was completed after the 2010 Descriptive Document.
Natomas Cross Canal South Levee Improvements Project	This project was completed after the 2010 Descriptive Document
Structures	Information on maintaining agency, county where the structure is located and corresponding O&M manual has been included in Table 3-3.

4.0 Lands Update

Fee Title Lands	Additional detail on these subjects was added.
Encroachment Permits	Additional detail on these subjects was added.
Easements	Additional detail on these subjects was added.

5.0 O&M Update

Updated O&M Manuals	Relevant O&M manuals were updated or revised since the 2010 Descriptive Document. A table listing the manuals is provided.
Superseded O&M Manuals	Relevant O&M manuals were superseded by more current O&M manuals since the 2010 Descriptive Document. A table listing the manuals is provided.
O&M Manual Database	The database of O&M manuals can be found on the SPFC O&M Manuals webpage of the DWR CDEC website (DWR, 2016b), thus a DVD is not included in this Update. A table noting updated O&M manuals is included.
Inspections	The discussion on Interim Vegetation Inspection Criteria required updating.
Maintenance	Some SPFC facilities were not listed in the 2010 Descriptive Document. Information about maintenance by DWR also required updating.

7.0 Programs & Plans Update

Ongoing State-Federal Projects Update	Information in these subsections has changed since the 2010 Descriptive Document.
Early Implementation Program Update	Information in these subsections has changed since the 2010 Descriptive Document.
ULE/NULE	Information in these subsections has changed since the 2010 Descriptive Document.
USACE Levee Safety Program	This program began after the 2010 Descriptive Document.

8.0 SPFC Future Updates

Implementation of CVFPP	Information on programs and plans related to the SPFC required updating.
Flood System Status Report	Report text was updated since the 2010 Descriptive Document.
2017 CVFPP Update	The CVFPP is updated every 5 years. The 2010 Descriptive Document discussed the 2012 CVFPP and this Update discusses the 2017 CVFPP Update.
Ongoing Evaluations, Projects, and Repairs	A description of the Sacramento River Bank Protection Program, Flood System Repair Program, Levee Rehabilitation Program, and Urban Flood Risk Reduction Program has been added.
Addition and Removal of SPFC Facilities	Information on the process for addition and removal of SPFC Facilities

9.0 Observations

Definition of SPFC	Definitions of the SPFC were inconsistent.
Lower San Joaquin River Flood Control Project	New information regarding the federal authorization of this project is discussed.

Major Supporting Efforts

- Draft CVFPP Conservation Strategy
- Draft Sacramento River Basin-Wide Feasibility Study
- Draft San Joaquin River Basin-Wide Feasibility Study
- Regional Flood Management Planning Summary
- Draft CVFPP Investment Strategy Technical Memorandum (TM)
- Draft Flood System Long-Term OMRR&R Cost Evaluation TM
- Draft Flood System Status Report Updates
- **Draft State Plan of Flood Control Descriptive Document**
- Draft Multi-Objective Operation & Maintenance Case Studies TM
- CVFPP Climate Change Analysis TM
- Draft Sacramento River Channel Capacity Atlas

The Path Forward



2017 ROADMAP



The Path Forward

- Future updates as needed to support future CVFPP Updates
- Revised version of SPFC Descriptive Document to incorporate comments from 2016 Draft Update (currently available at: <http://www.water.ca.gov/cvfmp/2017-cvfpp-docs.cfm>) and merge updated content with unchanged content into one document
- No formal comment period, but stakeholder and public feedback always welcome
- Direct questions to: Wendy.Wang@water.ca.gov